CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Ref No: CQCE/BBMP/NMK/W.No.16/2017-18

22.03.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Improvements to road, drain and otheer works in Khatha Nagar in Ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	22.03.2018	8.229	535.5	23.80
2	22.02.2018	22.03.2018	8.285	495.6	22.03
3	22.02.2018	22.03.2018	8.264	509.1	22.63

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01.03.2018

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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	01.03.2018	8.199	329.5	14.64
2	22.02.2018	01.03.2018	8.158	346.2	15.39
3	22.02.2018	01.03.2018	8.182	338.1	15.03

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	22.03.2018	8.256	530.5	23.58
2	22.02.2018	22.03.2018	8.294	529.5	23.53
3	22.02.2018	22.03.2018	8.282	495.3	22.01

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	01.03.2018	8.199	329.5	14.64
2	22.02.2018	01.03.2018	8.164	336.4	14.95
3	22.02.2018	01.03.2018	8.152	350.3	15.57

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	22.03.2018	8.285	539.5	23.98
2	22.02.2018	22.03.2018	8.264	546.2	24.28
3	22.02.2018	22.03.2018	8.291	510.8	22.70

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Client	**: Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	01.03.2018	8.189	329.5	14.64
2	22.02.2018	01.03.2018	8.199	346.2	15.39
3	22.02.2018	01.03.2018	8.158	368.1	16.36

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Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	22.03.2018	8.228	539.5	23.98
2	22.02.2018	22.03.2018	8.264	510.6	22.69
3	22.02.2018	22.03.2018	8.259	495.3	22.01

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Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	01.03.2018	8.182	338.9	15.06
2	22.02.2018	01.03.2018	8.199	362.3	16.10
3	22.02.2018	01.03.2018	8.146	346.1	15.38

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